Lab 2
GISC 480
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The purpose of this lab was to practice importing unsanitary data into ArcPro. A excel sheet was provided which included observations of various wildlife sightings with various attributes. To upload the data to ArcPro as a point layer, the northing and easting columns had to be formatted as numbers and in some rows, the northing and easting had to be swapped.

Once the data was imported a spatial join was used to associate BEC zone attributes with each wildlife observation and then the data was re-exported to an excel sheet. Pivot tables were used to generate three tables showing the counts of each animal species observed, counts of each animal species by land classification, and counts of each wildlife class by land classification. It can be seen in these tables that ungulates are the most frequently observed animals while rabbits are very rarely seen. Most sightings occurred in the MSdk1 land classification although this varied across species.

The wildlife observation data was plotted via two maps, one showing the entire study area and all observations, and another showing a small area around Aldridge Creek East which included BEC zone boundaries and sightings classified according to their wildlife class. This area of focus was chosen because it clearly contained two different BEC zones and had sightings of 3 out of the 4 wild life classes.